

SCN4B polyclonal antibody

Catalog: BS61673

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

Scn4b is a genetic modifier of conduction disease in mice. Differences in Scn4b mRNA and protein expression underlie this effect. Differences in Scn4b mRNA expression are caused by variants within the Scn4b locus itself (ciseQTL). Differences in Scn4b expression affect cardiac conduction by modulating Na⁺ current amplitude.

Product:

1 mg/ml in Phosphate buffered saline (PBS) with 0.05% sodium azide, approx. pH 7.3.

Molecular Weight:

~ 24 kDa

Swiss-Prot:

Q8IWT1

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB: 1:500~1:1000

Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long

term. Avoid freeze-thaw cycles.

Specificity:

SCN4B polyclonal antibody detects endogenous levels of SCN4B protein.

DATA:



Western blot (WB) analysis of SCN4B polyclonal antibody at 1:500 dilution

Lane1:MCF-7 whole cell lysate(40ug)

Lane2:H1792 whole cell lysate(40ug)

Lane3:CT26 whole cell lysate(40ug)

Lane4:PC12 whole cell lysate(40ug)

Note:

For research use only, not for use in diagnostic procedure.

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